Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOLUME XXV JUNE, 1918 NUMBER 6

THE AMERICAN MATHEMATICAL MONTHLY

OFFICIAL JOURNAL OF

THE MATHEMATICAL ASSOCIATION OF AMERICA

DEVOTED TO THE INTERESTS OF COLLEGIATE MATHEMATICS

PUBLICATION COMMITTEE

R. D. CARMICHAEL W. H. BUSSEY H. E. SLAUGHT

ASSOCIATE EDITORS

R. C. ARCHIBALD E. L. DODD OTTO DUNKEL
B. F. FINKEL TOMLINSON FORT H. R. KINGSTON
HELEN A. MERRILL U. G. MITCHELL R. E. MORITZ
D. A. ROTHROCK D. E. SMITH E. B. STOUFFER

PUBLISHED BY THE ASSOCIATION

THE AMERICAN MATHEMATICAL MONTHLY, FOUNDED IN 1894 BY BENJAMIN F. FINKEL, WAS PUBLISHED BY HIM UNTIL 1912. FROM 1912 TO 1916 IT WAS OWNED AND PUBLISHED BY REPRESENTATIVES OF FOURTEEN UNIVERSITIES AND COLLEGES IN THE MIDDLE WEST

ISSUED MONTHLY EXCEPT IN JULY AND AUGUST

LANCASTER, PA., AND URBANA, ILL.

Entered at the Post Office at Lancaster, Pa., as Second Class Matter

CONTENTS

On the I-Centers of a Triangle. By N. ALTSHILLER 241
Note on Continuous Functions. By K. P. WILLIAMS 246
Note on Functions which Approach a Limit at Every Point of an Interval. By E. W. CHITTENDEN 249
The Nine-Point Circle Obtained by Methods of Projective Geometry. By H. N. WRIGHT 250
The Rocky Mountain Section. By G. H. LIGHT 252
Third Annual Meeting of the Ohio Section. By G. N. ARMSTRONG 254
BOOK REVIEW: Young and Morgan's Elementary Mathematical Analysis. By R. R. HITCHCOCK 257
PROBLEMS AND SOLUTIONS 259
QUESTIONS AND DISCUSSIONS: New Question 35; (1) The Transition Curve, by G. PAASWELL; (2) The Graph of a Cubic Equation having Complex Roots, by E. S. CRAWLEY; (3) The Selection of Material for Class Reviews. By G. R. CLEMENTS 266
UNDERGRADUATE MATHEMATICS CLUBS 270
NOTES AND NEWS 282
Third Summer Meeting of the Association 285

EDITORIAL CORRESPONDENCE should be addressed to the EDITOR-IN-CHIEF, R. D. CARMICHAEL, University of Illinois, Urbana, Ill.

BUSINESS CORRESPONDENCE should be addressed to the SECRETARY-TREASURER of the ASSOCIATION, W. D. CAIRNS, 27 King Street, Oberlin, Ohio.

Published February 1918

ANALYTIC GEOMETRY

By EDWIN S. CRAWLEY and HENRY B. EVANS

Professors of Mathematics in the University of Pennsylvania

Size: xiv+239 pages, 7¼ x 4¾ inches. Price $1.60.

Chapters I to X (190 pages) give a full college course in plane analytic geometry. Chapter XI (14 pages) on empirical equations will be of particular interest to students of engineering and other applied sciences. Chapter XII, the concluding chapter, is devoted to the extension of coordinate geometry to some space problems.

Orders and applications for sample copies for examination with a view to introduction should be addressed to

E. S. CRAWLEY, University of Pennsylvania, Philadelphia

Our readers are hereby reminded that this journal is not published in July and August. The next number will appear as early in September as the conditions in the printing industry will permit.